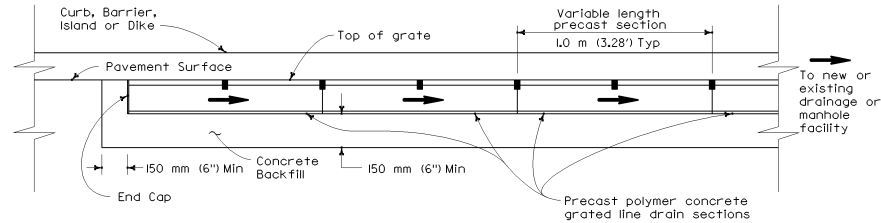
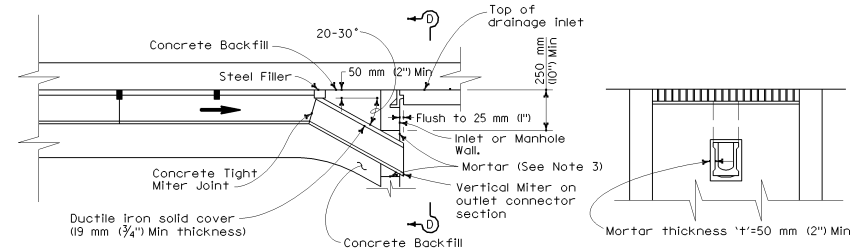


GRATED LINE DRAIN PLAN

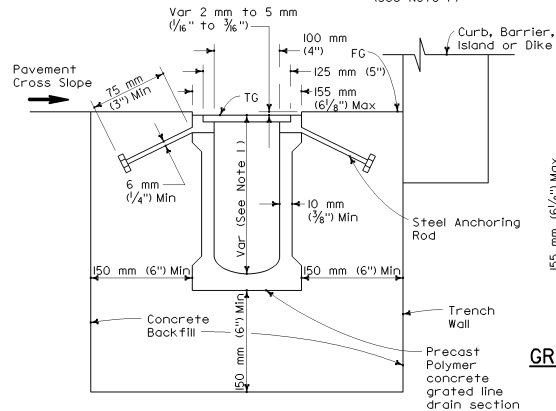
SECTION A-A  
(See Note 1)

SECTION C-C

SECTION D-D

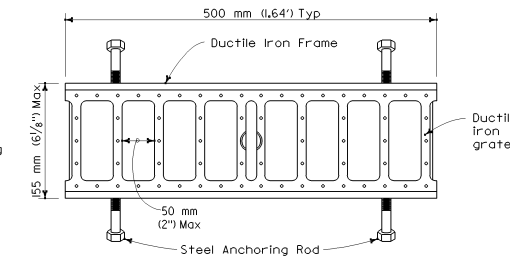
## NOTES

1. Precast polymer concrete drain sections are available in non-sloped uniform depth sections 135 mm to 400 mm (5/4" to 15 3/4") or in 0.6 percent pre-sloped sections with graduated depths from 135 mm to 400 mm (5/4" to 15 3/4"). See Project Plans for trench sections to be installed.
2. Nominal dimensions shown. Allowable tolerance  $\pm 2\%$ .
3. For GMP inlet connection, field joint sealed with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and 1 1/2 part SSI emulsified asphalt).
4. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic shall be 12.7 mm (1/2").
5. Grate patterns may vary from detail shown. See Special Provisions for requirements.
6. Steel anchoring rods not used when frame is integral with polymer concrete grated line drain section.



SECTION B-B

(Precast grated line drain with non-integral frame)  
See Note 6



GRATED LINE DRAIN FRAME AND GRATE DETAIL

See Notes 4, 5 and 6

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**GRATED LINE  
DRAIN DETAILS**

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

**D98C**

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<p>Paul R. Davies REGISTERED CIVIL ENGINEER</p> <p>July 1, 2002 PLANS APPROVAL DATE</p> <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness or electronic copies of this plan sheet.</p> <p>Caltrans now has a web site! To get to the web site, go to: <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a></p>					

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